

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 04200473
PUBLICATION DATE : 21-07-92

APPLICATION DATE : 30-11-90
APPLICATION NUMBER : 02334121

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INT.CL. : A61M 1/00 A61D 19/00

TITLE : CONCENTRATION OF SEMEN

ABSTRACT : PURPOSE: To obtain a concentrated semen without losing fertilizing capacity by a method wherein semen is treated by α -amylase to lower consistency, passed through a column filled with glass beads without the application of a pressure thereto to reduce an amount of immovable spermium and with the passage of the semen through a filtering material, the amount of spermium in the semen is decreased.

CONSTITUTION: Semen is treated by α -amylase to lower consistency and passed through a column filled with glass beads without the application of a pressure thereto to decrease an amount of immovable spermium. The spermium passing through the glass-filled column is passed through a filtering film adapted to pass no spermium to decrease the amount of spermium in the semen. Then, the semen is washed at least once by a culture solution suitable for spermium to leave the culture solution so that the concentration of the spermium exceeds that of the spermium in the initial semen.

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